

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.		1808.0010002/MAC/MBT
First Inventor		
Title	Human Melanocyte Stimulating Hormone Receptor Polypeptide and DNA (as amended)	
Express Mail Label No.		

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 124]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawings (35 U.S.C. 113) [Total Sheets 10]

5. Oath or Declaration [Total Pages 2]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Claim For Priority Under 35 U.S.C. § 119(a)-(d) In Utility Application

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
 Other: The name of the assignee is: WA Pharm AB

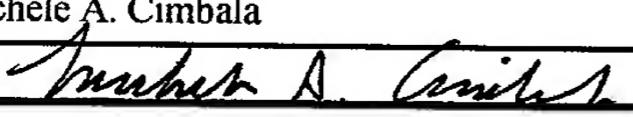
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-Part (CIP) of prior application No: 08/387,805  
Prior application information: Examiner Kaufman, C. Group/Art Unit: 1646

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	 (Insert Customer No. or attach bar code label here)		<input type="checkbox"/> Correspondence address below
Customer No. 26111			
NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. PATENT TRADEMARK OFFICE Attorneys at Law		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Michele A. Cimbala	Registration No. (Attorney)	33,851
SIGNATURE		Date	1/23/02

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE. (202) 371-2600 • FACSIMILE (202) 371-2540 • [www.skfg.com](http://www.skfg.com)

J1046 U.S. PTO  
10/052545  
01/23/02

01/23/02  
J1051  
ROBERT GREENE STERNE  
EDWARD J. KESSLER  
GEORGE A. GOLDSTEIN  
SAMUEL L. FOX\*\*\*  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
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PATRICK E. GARRETT  
JEFFREY T. HELVEY\*  
HEIDI L. KRAUS  
JEFFREY R. KURIN  
PATRICK D. O'BRIEN  
LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES

EDWARD W. YEE  
ALBERT L. FERRO\*  
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AARON L. SCHWARTZ\*\*

\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

January 23, 2002

WRITER'S DIRECT NUMBER:

(202) 371-2544

INTERNET ADDRESS:

[mcimbala@skfg.com](mailto:mcimbala@skfg.com)

Commissioner for Patents  
Washington, D.C. 20231

*Box: Patent Application*

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. *To be assigned*; Filed: *Herewith*  
(Continuation of Appl. No. 08/387,805; § 371 Date: February 21, 1995)  
For: **Human Melanocyte Stimulating Hormone Receptor Polypeptide and  
DNA (as amended)**

Inventors: Wikberg *et al.*

Our Ref: 1808.0010002/MAC/MBT

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal Form (PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05) (*in  
duplicate*);
3. U.S. Utility Patent Application entitled:

**Human Melanocyte Stimulating Hormone Receptor Polypeptide and DNA**

Commissioner for Patents  
January 23, 2002  
Page 2

and naming as inventors:

Jarl WIKBERG  
Vijay CHHAJLANI  
the application consisting of:

- a. A specification containing:
  - i. 111 pages of description prior to the claims (including a Sequence Listing on pages 95 to 109);
  - ii. 13 pages of claims (53 claims);
  - iii. a one (1) page abstract;
- b. 10 sheets of drawings (Figures 1-10);
- c. A copy of the executed combined Declaration and Power of Attorney, as originally filed in U.S. Appl. No. 08/387,805;
- d. Application Data Sheet;

4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
5. A Preliminary Amendment;
6. Request to Open New Disk File;
7. Claim For Priority Under 35 U.S.C. § 119(a)-(d) In Utility Application;
8. Two (2) return postcards; and
9. Our check no. 33938 for \$3,272.00 to cover:  
    \$ 740.00 Filing fee for patent application;  
    \$2,532.00 Fee for excess claims.

The name of the assignee is WA Pharm AB.

Correspondence should be sent to Customer Number 26111.

Commissioner for Patents  
January 23, 2002  
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michele A. Cimbala  
Attorney for Applicants  
Registration No. 33,851

MAC/MBT/lam  
Enclosures

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$3,272.00)	Attorney Docket No.	1808.0010002/MAC/MBT
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)			
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1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number  
19-0036

Deposit Account Name  
Sterne, Kessler, Goldstein & Fox P.L.L.C.

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other\*

\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	201	740	370	Utility filing fee	740.00
106	206	330	165	Design filing fee	
107	207	510	255	Plant filing fee	
108	208	740	370	Reissue filing fee	
114	214	160	80	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

### 2. EXTRA CLAIM FEES

Extra	Fee from below	Fee Paid
Total Claims 86	- 20** = 66	X 18.00 = 1,188.00
Indep. Claims 19	- 3** = 16	X 84.00 = 1,344.00
Multiple Dependent	0	= 0.00

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9
102	84	202	42
104	280	204	140
108	84	209	42
110	18	210	9

\*\*Reissue independent claims over original patent  
\*\*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 2,532.00)

\*\* or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES					
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify):					
Other fee (specify):					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$ 0.00)					

\*\* or number previously paid, if greater. For Reissues, see above

SUBMITTED BY					
Name (Print/Type)			Complete (if applicable)		
Name (Print/Type)	Michele A. Cimbala	Registration No. (Attorney/Agent)	33,851	Telephone	202-371-2600
Signature	<i>Michele A. Cimbala</i>			Date	1/23/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Wikberg *et al.*

Appl. No. *To be Assigned*  
(Continuation of U.S. Appl. No. 08/387,805;  
§ 371 Date: February 21, 1995)

Filed: *Herewith*

For: **Human Melanocyte Stimulating  
Hormone Receptor Polypeptide  
and DNA (as amended)**

Art Unit: *To be Assigned*

Examiner: *To be Assigned*

Atty. Docket: 1808.0010002/MAC/MBT

**Request to Open New Disk File**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants request that a new disk file be opened for the above-cited application.

The Sequence Listing disk submitted on **September 29, 1995** in the parent, Application No. **08/387,805**, contains the identical sequence information as that in the present application.

Applicants also submit herewith a paper copy of the Sequence Listing for the present application. The paper copy of the Sequence Listing and the computer readable copy are the same and do not introduce new matter.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Michele A. Cimbala*  
Michele A. Cimbala  
Attorney for Applicants  
Registration No. 33,851

Date: 1/23/02  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600